

ARMY RDT&E BUDGET ITEM JUSTIFICATION (R2 Exhibit)					February 2004				
BUDGET ACTIVITY 6 - Management support			PE NUMBER AND TITLE 0605606A - AIRCRAFT CERTIFICATION			PROJECT 092			
COST (In Thousands)			FY 2003 Actual	FY 2004 Estimate	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate
092	AIRCRAFT CERTIFICATION		3555	2999	2985	2904	12529	18329	19543
<p>A. Mission Description and Budget Item Justification: The Aircraft Certification program is an Army Aviation mission unique to Aviation and Missile Command that provides for an independent Airworthiness Qualification of all assigned Development and In-Production Army manned and Unmanned Aircraft systems required per AR70-62. This program performs all engineering functions (design, analysis, testing, demonstrations and system specification compliance) essential for certifying the airworthiness of assigned Army aircraft. Performs safety-of-flight investigations/assessments, evaluates system risks and develops Airworthiness Impact Statements. Evaluates and issues Airworthiness Flight Releases, Safety of Flight Messages, and Aviation Safety Action Messages to the field. Manages/executes the Army's Aeronautical Design Standards (ADS) Program. ADS is a continuously evolving process incorporating revisions for each change to the standard design of an aircraft system. Manages airworthiness approval of new vendor qualification/testing on fielded aircraft and material changes for all assigned Army aircraft systems. Provides airworthiness-engineering support to the Army Aviation Program Executive Office (PEO) and Technology Applications Program Office (TAPO) requirements for major development/modification and any future system/subsystems. Manages the test and evaluation process to support airworthiness qualification of developmental and fielded aircraft systems. This project funds activities required for general research and development support of aircraft qualifications. Current programs requiring Airworthiness Qualification support are TAPO and PEO Aviation Objective Force Systems (Comanche, Apache Longbow, Blackhawk, Chinook) and Aviation Electronics Systems (Aviation Mission Equipment, Aircrew Integrated System, Army Airborne Command and Control System, Advanced Threat Infrared Countermeasures, and Suite of Integrated Radio Frequency Countermeasures). This program supports the current to future/future transition path of the Transformation Campaign Plan.</p>									
Accomplishments/Planned Program						FY 2003	FY 2004	FY 2005	
Manage/execute technical and airworthiness qualification mission for PEO Aviation/force modernization aircraft systems.						915	1124	1140	
Continue to ensure safety of flight investigations/assessments to include PEO Aviation/force modernization of aircraft systems.						1351	749	683	
Manage/execute the Army Aeronautical Design Standards Program.						191	188	188	
Provide continuing engineering support for technology upgrades to PEO Aviation/force modernization aircraft systems.						827	718	716	
Continue to provide test management capability for PEO Aviation Program/Project/Product Managers.						271	212	258	
Small Business Innovative Research/Small Business Technology Transfer Programs.						0	8	0	
Totals						3555	2999	2985	

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092**B. Program Change Summary**

	FY 2003	FY 2004	FY 2005
Previous President's Budget (FY 2004)	3618	3098	3132
Current Budget (FY 2005 PB)	3555	2999	2985
Total Adjustments	-63	-99	-147
Congressional program reductions			
Congressional rescissions		-26	
Congressional increases			
Reprogrammings	-63	-73	
SBIR/STTR Transfer			
Adjustments to Budget Years			-147